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Dating ore deposits

Tectonics theory may assist in pinpointing oil migration

Recent studies show that ore deposits from the upper Mississippi Valley to a period when the Appalachian Mountains were built, linking tectonics with deposition of ore and the underground movement of brines found in sedimentary basins.

Former Soviet physicist delivers Ferguson lecture

Could Sagdeev, former director of Moscow Institute for Space Research, will deliver the William C. Ferguson Memorial Lecture on the importance of science in the development and preservation of democracy. Sagdeev will discuss the role of science in promoting peace and understanding among nations.

Maintenance improves service, response time

To further support the educational and research initiatives of Washington University, maintenance operations on the Hilltop Campus now operate under a zone system. The buildings on the campus have been divided into five zones - red, blue, green, pink, and yellow. A group of maintenance workers is responsible for the maintenance of specific buildings in each zone and is supervised by zone managers.

In This Issue...

Medical Update: Young Scientist Program gives high school students the opportunity to perform biomedical research. Page 7

Washington People: Jane Phillips-Conroy, Ph.D., associate professor of anatomy and neurobiology and anthropology. Page 3

Campus Authors: Pieces of Soap is a collection of essays by Stanley Elkin, Ph.D., Merle Kling Professor of Modern Letters. Page 7
Frisse named associate dean, library director

Mark E. Frisse, M.D., has been named associate dean for academic information management and director of the School of Medicine Library and Biomedical Communications Center. He replaces Susan Crawford, Ph.D., who stepped down after serving 11 years as director of the library and biomedications center. His appointment as associate dean for academic information management is a new position.

"Under Dr. Crawford's leadership, our library and biomedical communications center has become one of the finest," says William A. Peck, M.D., vice chancellor for medical affairs and dean of the medical school. "It is fitting that we have found someone to attract some- one with Dr. Frisse's qualifications to succeed Dr. Crawford. Dr. Frisse has a truly unique combination of talents — a first-class clinician, teacher and informatics and computer scientist. Our medical library with its well-positioned to develop and incorporate the most modern information and communica- tion services."

Frisse's responsibilities as director and associate dean include coordinating medical communications networks and information management facilities and overseeing medical computing facilities. He is also extensively involved with information management systems planning through the medical center. For the past two years, he has been director of the Division of Medical Informatics in the Department of Intern- al Medicine.

Frisse and his colleagues develop and evaluate biomedical information systems. During the past four years, he has developed a number of techniques to facilitate the construction and use of large volumes of online biomedical technical mater- ial. His most recent work in this area includes the development of an electronic library system and a method to classify user information needs. He is also principal investigator of a project to design and implement data bases for DNA research. In addition to his re- search, Frisse is active in the house staff training program and other clinical teaching activities within the medical center.

Frisse, who has a master's degree in medical computer science from Stanford University, received his medi- cal degree from Washington University. In 1978 and completed a postdoctoral fellowship in medical informatics at the University of Washington, where he was a chief resident in 1982-83. He became an associate professor of medicine in 1991, and at the same time was named director of the medical informatics division.

Frisse is an affiliate assistant profes- sor of computer science for the School of Engineering and Applied Science, and associate professor of medical informatics for the University's Institute for Biomedical Computing. He also is an associate editor of the Association of American Medical College's journal Academic Medicine.

Medical Update

High school students explore science careers

Le Hong had few summer after- noons to spend chatting with friends because she was in a biomedical research laboratory studying the communication of cells. Unlike most high school students, whose summer vacations center around activities with friends, getting lost in a good book or earning money for the next school year, Hong spent most of her days conducting research experi- ments. A senior at Metro High School in St. Louis, Hong was one of five high school students selected to take part in the Young Scientist Program (YSP) at the School of Medicine.

The two-year-old program provides high school students the opportunity to perform biomedical research over the summer. It is organized by students in the Medical Scientist Training Program and the Division of Biology and Bio- medical Sciences.

Hong, who wants to be a pharma- cist, worked in the laboratory of Kendall Blumer, Ph.D., assistant pro- fessor of cell biology and physiology. Her project involved studying apha- factor signal transduction in yeast, which required using intricate molecu- lar biological techniques to dissect the steps of cellular communication.

Program founders, Jim McCarter and Malcolm Schreiber, both M.D./Ph.D. students at the medical school, say the goal of the program is to educate, focus and inspire the students, all of whom are interested in careers in science.

"There is tremendous concern over the shortage of students pursuing careers in the sciences," McCarter says. "We hope this program opens some doors for those who are curious about what a career in science would be like."

Hong says she discovered some of the frustrations of scientific discovery. "It really makes you think," she says.

"Sometimes you perform an experi- ment and it doesn't work and you get frustrated. You are forced to think of every possible reason why it didn't work, so it will work the next time you try it."

Before students began their inves- tigations, they reviewed their chosen lab projects and were matched with mentors who were M.D./Ph.D. or Ph.D. candidates, and tutors who were graduate students. To prepare for their assignments, the high school students met with their tutors, read background material on their projects and learned lab techniques and safety. YSP students worked on their projects for eight weeks each and received a $2,000 stipend.

In addition, program participants had access to the Medical School Library and other resources. They also attended bi-weekly seminars with University scientists and met with other high school students completing science projects under the University City and Minority High School Science Research Apprentice programs.

YSP participants were required to be residents of the City of St. Louis. They were selected from among 15 candidates who were identified by their teachers as leading science students during their junior year of high school. Other participants were: Claudell Cannady and Charlene Malone, Gateway Technical High School; Bao Nguyen, Roosevelt High School; and Kim Hudson, Metro High School.

"We look for kids who are moti- vated and have good analytic skills," says Schreiber. "I've been impressed with the students we selected."

At the end of the program, stu- dents summarized their projects and progress to their peers, parents and the program organizers. They also will present their projects to their high school classmates this fall.

McCarter and Schreiber, who plan to follow the progress of YSP partici- pants for five years, say they hope that YSP will continue to encourage high school students to consider ca- reers in science.

Funding for the program was pro- vided by the Washington University Medical Center Alumni Association.
Anthropologist balances research and risks

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The greatest threat to Phillips-Conroy's health, however, didn't come from animals or humans. While in Ethiopia she caught a serious case of viral hepatitis that forced her to return to the United States for medical treatment. Fortunately, she recovered within six weeks, and now has a new appreciation for gamma-globulin. "Now, I tell everyone to get a gamma-globulin shot before going into the field," she says.

A native of South Africa, Phillips-Conroy says she didn't have any idea she would become an anthropologist until she moved to America. In 1946, her parents, concerned about raising children in the oppressive conditions in South Africa, decided to move the family to England, then to America. Her parents, both prominent physicians, were her role models, encouraging her from an early age to do something with her life. "It's likely that I would have become a medical doctor if the family stayed in South Africa," she says.

While in college at Brandeis University, Phillips-Conroy met her first taste of anthropology. "It wasn't long before I knew that anthropology would help her heed her parents' wishes. While in graduate school at New York University, Jane Phillips met Glenn Conroy, a graduate adviser, Clifford J. Jolly, Ph.D., professor of anthropology at New York University, was just beginning his career in the field. Phillips-Conroy first visited Awash as a graduate student in 1973 during more tranquil times. Her graduate adviser, Clifford J. Jolly, Ph.D., professor of anthropology at New York University, was just beginning a project to study desert and olive baboons. Figuring that the work would help increase understanding of factors that influence the development of species, Phillips-Conroy says, the decision to accept the field work was too great.

"There's always a measure of danger in field work. Whenever I go out in the field, the danger is at a level I can accept. Now I think it's beyond that point."

The Awash project has provided an important look at speciation, or how species develop. The work also helped reveal the adaptation strategies used by early man as he distanced himself from his hominid ancestors. Phillips-Conroy's work in the "hybrid zone" — the area of Awash National Park that contains olive, desert and hybrids formed by interbreeding olive and desert baboons — has made her a well-known anthropologist in her own right. In 1983, the Conroys joined the faculty at Washington University.

The Conroys were hired to teach gross anatomy classes at the School of Medicine. The teaching schedule imposes a conjoint order on their lives very different from the separate lives they lead when conducting their field research. Each day, they come to work together, teach together, share lunch and drive home together. And their offices are only 50 feet apart. "We're probably together more than most couples," Phillips-Conroy admits. "But then we're probably apart more than most couples." The absences can be difficult, she says, but it's something that was built into their schedule. "We are very understanding of each other when it comes to field work."

The temporary hiatus from the Ethiopian research site may actually be a blessing in disguise for Phillips-Conroy. She and Conroy have decided to make things a little easier on themselves by "trying to interest in the field a little more often. Although her next trek is to Guyana to study primates in the rain forest, she says, "We have every reason to hope that the future will see her and her husband working, although not quite together, at least in the same country. Last year, Phillips-Conroy joined her husband in Namibia. She scouted new research sites and made contacts with the Namibian Wildlife Service while Conroy led a National Geographic expedition in the search of the origin of man. She must have dreamed a little luck because Conroy's expedition unearthed a 12-13 million-year-old jawbone, a find that put Namibia on the map for paleoanthropologists.

— Jim Keeley

Washington People
Lectures
Thursday, Sept. 17
4 p.m. Division of Biology and Biomedical Sciences Student Film Series, "Genetic and Biochemical Studies of Protein N-Myristoylation," Jeffrey Gordon, Alumni Professor and head, WU Dept. of Molecular Biology and Pharmacology, Erlanger Aud., McDonnell Bldg.
4 p.m. Military Science Dept. Lecture Series, "NATO: National Integration and Organization," with a briefing team of senior officers from NATO Headquarters, Norfolk, Va. Room 112 Wilton Hall.
7 p.m. Dept. of History sponsors a History Career Night. Panel includes the history department faculty. Room 113 Busch Hall. For info., call 935-5460.
Friday, Sept. 18
9:15 a.m. Pediatric Grand Rounds, "Pincil Sin Testing," Louis Mendelson, clinical associate professor, Dept. of Pediatrics, Children's Hospital, St. Louis, and associate professor of medicine, Washington University School of Medicine. Ptchard Aud., 4950 Children's Place.
3 p.m. Dept. of Mathematics Colloquium "Major Lessons From the Closed Claims Project," Robert Costa, Dept. of Pathology, U. of Illinois, Chicago, Cor. Aud., 660 S. Euclid Ave.
3 p.m. University of California, Los Angeles, Graham Chapel.
Saturday, Sept. 19
5 p.m. Medical Center Seminar Series and Buffet Dinner, "The Rhythm of the Heart From the Whole Heart and Tissue Perspective. Part I: The Healthy Heart," Peter Corp., prof., WU Dept. of medicine and molecular biology and pharmacology, Jeffrey Saffitz, assoc. prof., WU departmen
t of pathology and medicine and director, Autopsy Service. King Faculty Center, Room 601A Medical School Library. For info., call 935-7286.
Thursday, Sept. 24
4 p.m. Dept. of Molecular Biology and Pharmacology Seminar, "Transgenic Mouse Models for Intestinal Biology," Jeffrey Gordon, Alumni Professor and head, WU Dept. of Molecular Biology and Pharmacology. Openning of Molecular Biology, McDonnell Bldg., Room 5907 Southcote Hall.
4 p.m. Dept. of Genetics Seminar, "The Signal Transition From being a Larvae Formation to a C elegans," Don Riddle, U. of Missouri-Columbia.
5 p.m. Student Health Service presents a Health Awareness Program, "Exercise Training -- The Key to the Squeeze?" Don Sinclair, instructor in Program of Physical Therapy, McDonnell Aud., Erlanger Aud., 480 S. Euclid Ave.
1:10 p.m. George Warren Brown School of Social Work Lecture Series, "Police-Community Partnerships for Neighborhood Stabilization," John Nye, WU Dept. of Community Affairs, the Executive Programs Group, and the National Theatre of the Deaf present "Green Acres," (Continues through Sept. 26.)
2 p.m. Dept. of Romance Languages and Literatures, the Executive Programs Group at the "The Green Acres of the Business and the European Studies Program present a Panel Discussion, "On the French Perspectives." Panel includes: John Nye, WU Dept. of Economics; Michel Seguin, Peat, Marwick; and Nicholas Mosanto Corp. Executive Program Suite, Room 117 John M. Olins School of Business. For more info., call 935-4560.
4 p.m. Biophysics Seminar, "Liver Transcription Factors: Uncovering the Mechanism," Rainer Weiss, guest composer, St. Louis Symphony Orchestra. Room 8 Blewett B.
Exhibitions
"Green Acres: Neocolonialism in the U.S." Through Nov. 1. WU Gallery of Art, upper and lower galleries, Steinberg Hall. Hours 10 a.m.-5 p.m. weekdays; 1-5 p.m. week
dends. For info., call 935-4523.
Music
Monday, Sept. 21
8 p.m. Dept. of Music presents violinist Juliet Kurtzman and pianist Anvar Arad. Graham Chapel.
2:30 p.m. Dept. of Mathematics Complex Dynamics Seminar with Dimitri Bekasov.
4 p.m. Dept. of Chemistry Lecture by George Walker, guest composer, St. Louis Symphony Orchestra. Room 6 Blowett B.
Performances
Friday, Sept. 25
8 p.m. Edison Theatre "Ovation's" Series and the National Theatre of the Deaf present "Ophelia." (Continues through Sept. 26.)
Edison Theatre. Cost: $20 for general public; $15 for WU faculty, staff and senior citizens; and $10 for students. For info. and tickets, call 935-5043.
Saturday, Sept. 26
Films
Thursday, Sept. 17
7 p.m. The African Arts Film Festival presents "Ghanaian Homeland." Room 219 South Ridgley Hall.
**Football**

Last Week's Result: Carnegie Mellon 31, Washington 7

This Week: Case Western Reserve, Saturday, Sept. 19, 7 p.m., Francis Field. Current Record: 0-2-0

The Bears entertain another UAA opponent this Saturday at Francis Field, playing Case Western Reserve in the second game of the season.

**Men's Soccer**

Last Week's Results:

- Washington 3 (15-14, 15-8, 15-11), Trinity University Invitational, Saturday, Sept. 19, 7 p.m., Francis Field.
- Washington 5-0, Case Western Reserve, Saturday, Sept. 19, 7 p.m., Elsah, Illinois.
- Washington 1, Wheaton 1 (ot), Saturday, Sept. 19, 5 p.m., Elsah, Illinois.
- Washington 111.; Case Western Reserve, Saturday, Sept. 19, 7 p.m., Elsah, Illinois.
- Washington 4, Principia 1 (ot); Washington 1, Maryville 0, Saturday, Sept. 19, 5 p.m., Elsah, Illinois.
- Washington 4, Maryville 0, Saturday, Sept. 19, 5 p.m., Elsah, Illinois.

This Week:

- Washington 4, Religious Arts Workshop, Saturday, Sept. 19, 7 p.m., Francis Field.
- Washington 4, Case Western Reserve, Saturday, Sept. 19, 7 p.m., Elsah, Illinois.
- Washington 4, Western Reserve, Saturday, Sept. 19, 7 p.m., Elsah, Illinois.
- Washington 4, St. Mary's College, the 12th-ranked team in the nation, Saturday, Sept. 19, 7 p.m., Francis Field.
- Washington 4, Wheaton 1 (ot), Saturday, Sept. 19, 7 p.m., Elsah, Illinois.
- Washington 4, Case Western Reserve, Saturday, Sept. 19, 7 p.m., Elsah, Illinois.
- Washington 4, St. Mary's College, Saturday, Sept. 19, 7 p.m., Francis Field.

**Volleyball**

Last Week's Results:

- Washington 3, Wheaton 1 (15-13, 15-12, 15-13), Wheaton College Invitational, Friday, Sept. 18, 7 p.m., Wheaton College Gymnasium.
- Washington 3, Case Western Reserve 1, 15-14, 15-12, 15-11, Nebraska Wesleyan, Friday, Sept. 18, 7 p.m., Case Western Reserve University Gymnasium.

This Week: Trinity University Invitational, Friday and Saturday, Sept. 18-19, San Antonio, Texas. Current Record: 0-2-0

The Bears have opened their national title defense at the national championships, winning all five matches in three straight games. Last weekend, the Red and Green captured the team title at the Washington University Classic by blitzing four quality opponents.

Included on the seven-player all-tournament team were junior middle blocker Lisa Becker, Dallas, Texas, who picked up most valuable player honors.

Coming up this weekend is a trip to San Antonio for the Trinity University Invitational, where a date with arch rival UC San Diego awaits.

**Miscellany**

Sunday, Sept. 20

10 a.m. The African Arts Festival sponsors "Kabudu," an ecumenical service with an African theme. Gabriel Chaline will preside. The service will be held in conjunction with the African Arts Festival "Art of Life, Art of Earth." The area, Sept. 18-20. For info, call 935-5645.

2 p.m. School of Architecture and School of Fine Arts Workshop, "Books and Boxes: The Craft and Art of Bookbinding." Patrick Reimchen, part-time lecturer in architecture, will conduct the class. Through Oct. 24. Cost: $80, plus supplies (about $20). Room 109 Bixby Hall. For info, and registration call 935-4643.

Saturday, Sept. 19

2 p.m. School of Architecture Workshop, "What's Mac/Windows?" with Hal Bundy, lecturer and research assistant, Media Center. Cost: $75 for the workshop and registration, call 935-4643.

2 p.m. School of Fine Arts Workshop, "Wend Kuuni: God's Gift." The exhibition catalog includes biographical information of the client, a detailed research paper, the student design community, to consider the designer's responsibility in perpetuating or discouraging negative cultural myths among any group of people.

Washington and Wilson-Wylie invited African-American designers across the country to participate in the exhibit. They asked the designers to approach the exhibit idea as if it were a specific design problem, with a client, a problem and an assignment.

The client was the African-American community. The problem was continual misrepresentation in American media. The assignment was to create a "visual pun by restating, restaging and reinterpreting a modern stereotype — i.e., depicting a rap musician as a cultural griot (storyteller) instead of an old-fashioned urban bathing suit." The 21 original artworks were submitted by African-American designers at such publications as Rolling Stone Magazine, The New York Times, Harry N. Abrams, and GQ Magazine, as well as designers in television, marketing and independent studies.

The exhibition catalog includes biographies and comments from each of the designers and an essay discussing cultural perspectives in American media. The catalogue, as well as the exhibit, also is intended to encourage African Americans to consider the ideas presented in graphic design projects.

In conjunction with the exhibit, William Eric Perkins will give a free lecture titled "Dirty Pictures" at 7 p.m., Oct. 8, in Steinberg Hall auditorium. Perkins teaches courses on African-American media at New York City's Hunter College and creates social sciences tests at the Educational Testing Service in Princeton, N.J. He has been interested in the visual representation of race and ethnicity for the last 15 years.

The lecture is co-sponsored by the Assembly Series, the American Culture Institute, the African-American Studies Program, the African and African-American Studies Program, the School of Fine Arts and the St. Louis Chapter of the American Institute of Graphic Arts.

Graphic artists challenge media stereotypes in gallery exhibit

African-American graphic designers suggest new and positive images of their race in a Bixby Gallery exhibit. The exhibit, titled "Visual Perceptions: Twenty-one African-American Graphic Designers Challenge Modern Stereotypes," will be on display from Sept. 26-Oct. 11. The exhibit, which originated at Parsons School of Design in New York City, was conceived and curated by publication designer Michele Washington and art director Fo Wilson-Wylie. Their idea was to challenge stereotypes of African Americans depicted in contemporary media. The curators also intend to encourage existing and design communities at large, as well as the student design community, to consider the designer's responsibility in perpetuating or discouraging negative cultural myths among any group of people.

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Bixby Gallery is open from 10 a.m.-4 p.m. weekdays and 1-5 p.m. weekends. The gallery will be closed to the public Oct. 10. For more information, call 935-4643.

**Aerobics program offered**

The Irene Walter Johnson/Barnes/Washington University employee aerobics program began Monday, Sept. 1. The classes will be held from 12:10 p.m. to 1 p.m. Monday through Friday.

The class will consist of 15 minutes of light impact or step aerobic exercises and are taught by certified instructors of Corporate Health Systems Inc. The cost is $75 for 12 weeks of unlimited classes. Classes will be held on the fifth floor of the Irene Walter Johnson Institute of Rehabilitation. Showers and lockers are available. To register, call 562-4925.

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Nicaraguan poet will give reading

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icaraguan poet-emissary Ernesto Cardenal will give a reading at 4:30 p.m. Monday, Sept. 21, in Graham Chapel. His reading, part of the Assembly Series, is free and open to the public.

Recognized worldwide as a major poetic voice from Central America, Cardenal is well known in the United States as a spokesperson for justice and self-determina-
tion in Latin America.

He received the 1991 Lifetime Achieve-
m ent Award from the Oakland-based Be-
nation in Latin America. The voice from Central America, Cardenal is

Prize of the German Book Trade.

Cardenal is co-founder of Solintename,
an island in Nicaragua where native farmers and fish-
ermen have been living for 20 years. Today artists continue to produce their oil paint-
ing community, which became a retreat for artists and revolutionaries. His work was pos- ed to Somoza’s dictatorship in the 1960s and 1970s.

The lecture is co-sponsored by the As-
sociation of Latin American Students,
Department of Romance Languages and
Languages and Literature and Student Union. For more information, call 935-4620.

Theory mathematically modeled – from page 1

mile of its source, but it’s fairly common to
find these far-flug reservoirs sources of oil. The great majority of oil in the world is still to
be found near its source, but in the future, when the supply starts to get tighter than it is now,
p eople are going to be taking our modeling
into account. These type of reservoirs are described to a particular oil, Brannon and Podesok have given more credibility to our models.

Brannon dated the ore deposits by ana-
lyzing minute levels of the elements ru-
biode and strontium, found in the mineral sphalerite (zinc sulfide) in a mass spectromet-
er. The mass spectrometer separates atoms according to their different mass and charge.
Fluid inclusions — water pockets captured in minerals such as sphalerite — are valu-
able bits of “nano evidence” for a geologist like Brannon, who has honed her mold-
taking technique on lunar and meteorite samples as well as terrestrial rocks. These water
pockets differ in mass and charge. Brannon, a 23-year veteran of the St.
Louis police force, became the city’s first African-American chief of police in Au-
gust, 1991. In an effort to reduce the number of guns in St.
Louis, he created the first gun “buy-back program,” which paid
citizens for voluntarily turning in their guns.

Harmon’s lecture is sponsored by the social work school and is part of its fall lecture series. For more information, call 935-4600.

News In Brief

Recent state legislation affects smoking on University campus

B

elect legislation enacted by the Missouri General Assem-
yblie will affect where people can smoke on the Wash-
tington University campus. The statute, which is known as the "Smoke-Free Air Act," took effect Aug. 28 and applies to a wide variety of areas on the University and Lincoln campuses.

Harmon will discuss the importance of police and community leaders working together to reduce crime.

Harmon, a 23-year veteran of the St.
Louis police force, became the city’s first African-American chief of police in Au-
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The statue also requires that signs be posted to indicate smoking and non-smoking areas. Those signs will be available in Central Stores.

Clayton leases 26 parking spaces

The Clayton Board of Aldermen approved a plan to lease 26 parking spaces along Forsyth Boulevard, from east of Tolman Way to the front of Steinberg Hall. The University began using the spaces for yellow permit parking on Sept. 9. Informational signs about the permit parking have been posted in the area. The Wash-
ton University Transportation Department, which en-
forces the permit regulations, issued no-cost warning no-
tices to individuals during the first two days of the plan.

For information about Forsyth Boulevard parking permit, call the Transportation Department at 935-5661.
Robert Scharff appointed Alumni Board chairman

Robert L. Scharff, managing partner of the Todd Group, has been appointed chairman of the Washington University Alumni Board of Governors.

Martin K. Schneider, president of Edison Brodsky, the real estate company, has been appointed executive vice chairman.

Both are active in a number of civic, business and cultural organizations. They also will serve on the University’s Board of Trustees.

Alumni Board chairman

Robert Scharff appointed

Robert Scharff has been appointed chairman of the Washington University Alumni Board.

Karen L. Brock, Ph.D., assistant professor of anatomy and cell biology, spent two months in Japan researching medieval Japanese porcelain paintings. The research was supported by a National Endowment for Humanities summer fellowship.

The lecture will be held in the Life of Ganges at KU.

'Three legendary' cited in TWA pension crisis

Before Trans World Airline settles its TWA pension crisis, the public pension agency is threatened with bankruptcy. The firm's pension crisis is the short-sighted nature of the firm's investment in the public pension agency nearly 20 years ago.

In the second decision of the Federal Court at the PBGC, the firm's TWA pension crisis is cited in the case against the PBGC in a federal bankruptcy court. The bankruptcy petition, filed by the firm, is based on the PBGC's default on large bank loans.

The court's bankruptcy battle between TWA and the PBGC typifies the sort of massive undertaking that is threatening the future of the federal pension agency.

The lecture will be held in the Life of Ganges at KU.

'Hidden villain' cited in TWA pension crisis

The current bankruptcy battle between TWA and the PBGC typifies the sort of massive undertaking that is threatening the future of the federal pension agency. The firm's TWA pension crisis is cited in the case against the PBGC in a federal bankruptcy court. The bankruptcy petition, filed by the firm, is based on the PBGC's default on large bank loans.

The court's bankruptcy battle between TWA and the PBGC typifies the sort of massive undertaking that is threatening the future of the federal pension agency.
The following is a list of positions available at the Campus Hill C. Information regarding these and other positions may be obtained at the Career Center, Hilltop Campus, or by calling 935-5990.

Coordinator of Judicial Affairs
930628. Student Affairs: Requirements: Bachelor’s degree in a relevant discipline preferred. Experience working with college students or adolescent community groups also is important. Ability to interact with students, faculty, parents, attorneys and to take initiative and solve problems is essential. Excellent communication and organizational skills, flexibility, and patience also are necessary. Resume and three letters of recommendation required.

Circulation Services Assistant
910030. Olm Library: Requirements: Two years of college-level study or equivalent work experience; library work experience; ability to communicate effectively orally and in writing and to deal with the public in a consistently pleasant and businesslike man- ner. Computer skills important. Ability to deal tactfully in data entry, desirable. Bibliographic skills and familiarity with library languages also desirable. Ability to type 35 wpm with accuracy; ability to work with and resolve problems. Minimum attendance: four days per week with 2.5 hours from 4:30 p.m. to 12:30 a.m. Sunday through Thursday; except intervals for personal business. Must be available to test. Three letters of recommendation required.

Technical Sales Specialist
910035. Campus Stores: Requirements: Minimum two years of college, bachelor’s degree preferred; knowledge of personal computers and popular software; experience using a variety of microcomputer peripherals, such as modems and printers; must be physically able to lift system components; must be available to work evenings and Saturdays. Resume and three letters of recommendation required.

Clerical/Cashier Assistant
910032. Campus Store: Requirements: High school diploma, two years of college preferred; typing 35 wpm with accuracy; good customer-service attitude; general office experience and organizational skills; must be able to handle and balance funds, work quickly and accurately under pressure. Clerical testing and three letters of recommendation required.

Administrative Assistant
910034. Medical Alumni and Development: Requirements: Bachelor’s degree; typing 45 wpm with accuracy; good customer-service attitude; general office experience and organizational skills; must be able to handle and balance funds, work quickly and accurately under pressure. Confidential information in a responsible and professional manner; ability to balance and prioritize diverse assignments; understanding biology operations, desirable. Clerical testing and three letters of recommendation is required.

Technical Assistant
930655. Applied Research Lab: Requirements: Bachelor’s degree, typing 50 wpm with accuracy; ability to use a UNIX-based computer system for desktop publishing, report preparation, report editing, and tracking of equip- ment. Must be available to work evenings. Three letters of recommendation required.

Administrative Assistant
910040. Chemical Engineering: Requirements: High school diploma, one year of college preferred; typing 50 wpm with accuracy, some supervisory experience. As much as five years office experience would be considered, especially if it involved interaction with others. Work with chair in day-to-day operation of the department. Clerical testing and three letters of recommendation required.

Administrative Assistant
910045. Alumni and Development: Requirements: Minimum three years of college; specialized secretarial and interpersonal skills; ability to type 50 wpm with accuracy; experience with word pro- cessing; five years of office experience; including work with budget figures and reports; ability to deal effectively with students, faculty, alumni, par- ents, and prospective students; ability to maintain confidentiality; excellent attendance record; good command of English; ability to meet strict deadlines for multiple project-oriented tasks requiring a high degree of organization and thought; ability to work overtime as needed; familiarity with dicta- tion equipment and data base manage- ment preferred; experience with Macintosh computers; knowledge of Microsoft Word and Word Perfect publishing, and spreadsheet software. Clerical testing and three letters of recommendation required.

Administrative Assistant
930407. Medical Alumni and Development Programs: Requirements: Mini- mum one year of college; bachelor’s degree preferred; three years general office experience preferred; typing 50 wpm with accuracy, excellent word- processing skills; good command of English; ability to deal with multiple assignments and adjust priorities; cordial and accurate public contact on the telephone, at the office, and at special events. Clerical testing and three letters of recommendation required.

Documents Assistant
930468. Law Library: Requirements: Must be a high school graduate, bachelor’s degree preferred; typing 25 wpm with accuracy; experience with IBM or IBM compatible PC, accuracy and attention to detail are essential. Must be able to follow government regulations and Library policies; must be able to think independently and act effectively with internal constituencies including deans, department heads, division chiefs, secretaries, and administrators; ability to deal with confidential information in a respon- sible and professional manner; ability to balance and prioritize diverse assignments; understanding biology operations, desirable. Clerical testing and three letters of recommendation is required.

Input-output Operator, Part-time
930651. Computing Operations: Requirements: Must be a high school graduate; Duties: Enter jobs into sys- tem; mount tapes; operate and service printers; mount and align special forms; distribute computer output; perform housekeeping tasks on CPUS; distribute microfilm; interpret console JCL mes- sages; interact with staff and users; IPL/OS/MVS/HASP systems; make com- puter resource decisions; interact with senior management; initiate vendor service calls as directed; maintain performance/problem records. Applicant and three letters of recommenda- tion required.

Contract and Grant Coordinator
910053. School of Social Work: Requirements: Bachelor’s degree with accounting background; typing 40 wpm with accuracy, good word and interpersonal skills; experienced in funded research; capable of working with federal governmental agencies and foundations; PC word processing and spreadsheet skills; ability to organize and work under pressure during deadline period. Clerical testing and three letters of recommendation required.

Fileroom Assistant
930654. Development Service: Requirements: Must be a high school graduate; cooperative attitude essential; ability to organize and work under pressure; must be dependable and con- scientious; filing and online interactive data entry experience; typing 30 wpm with accuracy. Clerical testing and three letters of recommendation required.

Rare Books Catalog Librarian
930656. Olm Library: Requirements: MLS degree from AAL accredited library school; master’s degree in the humanities, history, or related discipline with experience in cataloging training or experience with AACR2 and LC classi- fication; rare books cataloging training or experience; archival and manuscript cataloging using SHARE and RDA format, ability to work with non-English languages and non-Roman alphabets, working knowledge of OCLC and NOTIS or other automated systems, reference training; ability to keep excellent ex- perience; supervisory experience, knowl- edge of preservation procedures, and knowledge of national and international trends in bibliographic description desirable. Resume and three letters of recommendation required.

University Communications Secretary
930657. Public Affairs: Requirements: Must be a high school graduate; associate’s degree preferred; typing 50 wpm with accuracy; ability to follow directions and be accurate; good oral and written skills; ability to handle multiple tasks in a fast-paced environment. Clerical testing and three letters of recommendation required.

Medical school openings
The above listing includes only those positions in the School of Medicine which are currently available on the Hilltop Campus. Plots are under way to include School of Medicine job vacancies in the Record. The medical school now posts available positions at the Office of Human Resources, 4480 Medical School Library. Applications are invited for an appointment as instructor in psychology and counselor in student affairs at Washington University, Student Counseling Service. Candidates will be expected to participate in the training of psychology and counseling students in child psychology and rel- ated fields, provide instruction to residents of the School of Medicine on topics of clinical psychology, and participate in the provision of counseling psychologists to patients. Applicants should have an earned doctorate or equivalent degree in psychology. Submit curriculum vitae to: Dr. Robert H. Easton, Director, Student Counseling Service, Washington University, Cam- pus Box 1053, One Brookings Drive, St. Louis, MO 63130-4899.

Building Service Manager
930059. Housing and Food Service: Requirements: Bachelor’s degree in management, management, engineering or related fields and/or seven years experience in building services operations; supervisory and budget preparation experience. Bachelor’s degree in construction or engineering management and three to five years experience working to university residence halls preferred; also experience with custodial and food service operations. Must be able to relate to individuals of di- verse opinions, backgrounds and lifestyles. Must be able to work inde- pendently in managing the day-to-day support services operations in the departments of housing and food ser- vices; be responsible for supervision, budget preparation and administr- ation in the areas of maintenance, cur- rently 100 percent parent support. Responsible for: general maintenance in resi- dence halls and food service; coordination of heavy equipment; coordination and inspection of department renovation projects; coordination, inspection and purchasing of department furnishing; assessing room and public area damage charges; responsibility for the maintenance of the storage program for students; supervi- sion of two to five part-time and/or full-time student assistants; addressing concerns of parents, residents, guests, students and the general public; working with the physical environment of living and working situations.

Instructor of Psychology and Counselor in Student Affairs
Applications are invited for an appointed as instructor in psychology and counselor in student affairs at Washington University, Student Counseling Service. Candidates will be expected to participate in the training of psychology and counseling students in child psychology and rel- ated fields, provide instruction to residents of the School of Medicine on topics of clinical psychology, and participate in the provision of counseling psychologists to patients. Applicants should have an earned doctorate or equivalent degree in psychology. Submit curriculum vitae to: Dr. Robert H. Easton, Director, Student Counseling Service, Washington University, Cam- pus Box 1053, One Brookings Drive, St. Louis, MO 63130-4899.

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